20020228.qrp v02_n480.qrl.20020228

Date: Thu, 28 Feb 2002 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2480

QRP-L Digest 2480

Topics covered in this issue include:

 1) [120934] Re: Source for red tinted transparent plastic or plexiglass
 by "Ingo, DK3RED" <dk3red@t-online.de>
 2) [120935] Re: Source for red tinted transparent plastic or plexiglass
 by "Brice D. Hornback" <bdh@cyberbound.net>
 3) [120936] Re: SMT Soldering Station
 by Richard Mulvey <rich@mulveyfamily.com>
 4) [120937] Re: Straight TiCK Talk
 by KKANALZ@prodigy.net
 5) [120938] Re: Ref. Computer Mikes
 by PDouglas12@aol.com
 6) [120939] Atlanticon vs. ArkieCon
 by "Paul Harden, NA5N" <na5n@rt66.com>
 7) [120940] Thx Re: Source for red tinted transparent plastic or plexiglass
 by "Jim Thiessen" <jthiessen@videotron.ca>
 8) [120941] Re: S-meters, units and dB (now long)
 by John Wagner <john@wagner-usa.net>
 9) [120942] Re: Source for red tinted transparent plastic or plexiglass
 by "Lee Mairs" <lmairs@cox.rr.com>
 10) [120943] Re: S-meters, units and dB (now long)
 by "George, W5YR" <w5yr@att.net>
 11) [120944] FT: OHR 100-30
 by "Pastor-KC1DI" <elbc@pivot.net>
 12) [120945] Re: LED freq counter digi-dial
 by J38AL@aol.com
 13) [120946] Re: Anyone using the MFJ-1622 apartment antenna?
 by "Marty N5NW" <n5nw@n5nw.org>
 14) [120947] NEQRP CW Net, 28 Feb 02, 8:30PM EST, 3.565MHz
 by Chuck Ludinsky <cjl@mitre.org>
 15) [120948] Re: Ref. Computer Mikes
 by George Franklin <w0av@juno.com>
 16) [120949] USS Kidd 59th anniversary
 by n5ib@juno.com
 17) [120950] Pesky Texan Armadillo Chase
 by "N1LN" <n1ln@earthlink.net>
 18) [120951] RE: Small Altoids Tins
 by W2SH@aol.com
 19) [120952] Re: attenuator

 by "DIANNE M WISE" <roy537@prodigy.net>
20) [120953] TiCK Talk: customer update
 by "Gary M. Diana, Sr." <gdiana@rochester.rr.com>
21) [120954] U426 pinout ?
 by jacksonharbor@att.net
22) [120955] Re: attenuator
 by WE7X@aol.com
23) [120956] Re: Straight TiCK Talk
 by "Adrian Weiss" <aweiss@usd.edu>
24) [120957] Re: Altoids and insulation -- ACE mounting pads
 by "Adrian Weiss" <aweiss@usd.edu>
25) [120958] Re: S-meters, units and dB (now long)
 by "Karl F. Larsen" <k5di@zianet.com>
26) [120959] PC Control Of FT817 Survay?
 by "Dave" <wr3i@earthlink.net>
27) [120960] Re: Atlanticon vs. ArkieCon
 by "Rod N0RC" <rod@n0rc.com>
28) [120961] RE: A&A Engineering
 by "Larry Spinner" <n2icz@hotmail.com>
29) [120962] Straight TiCK Talk
 by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
30) [120963] OT: PC Data Acquisition bargain
 by "Ed Tanton" <n4xy@earthlink.net>
31) [120964] FS qrp + upgraded
 by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
32) [120965] FS teflon wire (kits :)
 by <n2go@arrl.net>
33) [120966] RE: U426 pinout ?
 by "Ed Tanton" <n4xy@earthlink.net>
34) [120967] U426 pinout -- demystified... !
 by Conrad Weiss <radman@best.com>
35) [120968] Re: Source for red tinted transparent plastic or plexiglass
 by "Brad Hernlem" <alihernlem@hotmail.com>
36) [120969] Re: The World Needs A QRP SSB Transciever Kit
 by "Nils R. Young" <nilsbull@juno.com>
37) [120970] Re: Ticks vs Others,Etc.
 by George Gingell <k3tks@u1.abs.net>
38) [120971] 900 MHz vertical antenna pattern
 by Alex <kr1st@amsat.org>
39) [120972] Sierra Users
 by Somerville <somerville@uniserve.com>
40) [120973] RE: Sierra Users
 by "Kory Hamzeh" <kory@avatar.com>
41) [120974] Re: 900 MHz vertical antenna pattern
 by Jay Hanawalt <jrhanawalt@earthlink.net>
42) [120975] Re: 900 MHz vertical antenna pattern
 by KKANALZ@prodigy.net
43) [120976] B0YA ??

 by W2AGN <w2agn@pobox.com>
44) [120977] Cap Kit Arrives in PA
 by David Porter <aa3ur@comcast.net>
45) [120978] Re: Cap Kit Arrives in PA
 by "Jim Stamper" <jstamper@shentel.net>
46) [120979] Re: Cap Kit Arrives in PA
 by "John J. McDonough" <wb8rcr@arrl.net>
47) [120980] Caps arrive in Kansas
 by "Gene Sailsbury" <gsailsbury@mobil1.net>
48) [120981] Re: OT: PC Data Acquisition bargain
 by Chris Cartwright <ccart@phideaux.com>
49) [120982] Re: AW: [GQRP] Miracle Whip price
 by Stewart Bryant <stewart.bryant@virgin.net>
50) [120983] help
 by Paul Oakes <pro@glassaxis.org>
51) [120984] insulation inside small boxes
 by "Stuart Rohre" <rohre@arlut.utexas.edu>
52) [120985] Altoids and Insulation
 by Tim ORourke <TORourke@KaiserFT.com>
53) [120986] 40673's
 by Jim Stiles <jjstiles@optonline.net>
54) [120987] RE: insulation inside small boxes
 by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
55) [120988] NE QRP Winter Luncheon March 2nd (Sat.)
 by Chuck Ludinsky <cjl@mitre.org>
56) [120989] Re: Sierra Users
 by Ed Lawson <k1vp@grizzy.com>
57) [120990] Red Plastic
 by "Stuart Rohre" <rohre@arlut.utexas.edu>
58) [120991] Ethernet cards for trade for QRP gear. (OT)
 by "KD3PC" <kd3pc@mindspring.com>
59) [120992] Re: Source for red tinted transparent plastic or plexiglass
 by Steven Weber <kd1jv@moose.ncia.net>
60) [120993] Re: 40673's
 by Steve Smith <sigcom@juno.com>
61) [120994] Koch Method CW Trainer
 by "Ray Goff" <radioham@gmx.co.uk>
62) [120995] Fox- K4FB up to bat tonight
 by Paul Womble <pwomble1@tampabay.rr.com>
63) [120996] Re: Atlanticon vs. ArkieCon
 by "Jay Bromley" <w5jay@alltel.net>
64) [120997] ArkieCon new speaker!!
 by "Jay Bromley" <w5jay@alltel.net>
65) [120998] Re: Koch Method CW Trainer
 by "Jim Stamper" <jstamper@shentel.net>
66) [120999] Re: 40673's
 by Bruce Muscolino <w6toy@erols.com>
67) [121000] Re: 40673's

by <n2go@arrl.net>

Date: Thu, 28 Feb 2002 01:19:59 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [120934] Re: Source for red tinted transparent plastic or plexiglass
Message-ID: <3C7D77AF.83EE5F32@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Jim,

> I'm looking for a source for red tinted transparent plastic or plexiglass
> suitable for viewing red LED displays. Should be 1/16 or 1/8 inch stock.

No, I have no source for it. But go to your paper shop and ask for red
(and possibly adhessive) film or foil. Attache the foil on the back side
of your transparent plexiglass.

--
72/73 de Ingo, DK3RED Don't forget: the fun is the power!
 dk3red@t-online.de http://www.qsl.net/dk3red
 DL-QRP-AG #824 http://www.dl-qrp-ag.de

Date: Wed, 27 Feb 2002 19:31:37 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: jthiessen@videotron.ca,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120935] Re: Source for red tinted transparent plastic or plexiglass
Message-ID: <01ac01c1bfef$4939d3a0$7001a8c0@lwrnc1.in.home.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Jim,

Check your local photography shop. If they sell cameras and dark room
supplies, they'll also have red sheets of plastic used as filters on lights
for dark rooms, etc.

73/72/71! de Brice KA8MAV

----- Original Message -----
From: "Jim Thiessen" <jthiessen@videotron.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 27, 2002 6:56 PM
Subject: Source for red tinted transparent plastic or plexiglass

> I'm looking for a source for red tinted transparent plastic or plexiglass
> suitable for viewing red LED displays. Should be 1/16 or 1/8 inch stock.
>
> Thanks in advance for your help.
> 72's
> Jim
> VA3KV,
> Rockland Ontario
>

Date: 27 Feb 2002 19:41:47 -0500
From: Richard Mulvey <rich@mulveyfamily.com>
To: Doug.Davies@gems3.gov.bc.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120936] Re: SMT Soldering Station
Message-ID: <1014856917.2909.0.camel@zippy.aa2ys.ampr.org>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

On Wed, 2002-02-27 at 13:35, Davies, Doug A FOR:EX wrote:
> This is probably a long shot but.....A couple of years ago, I think, someone
> on the list had a bunch of very small tipped Weller soldering stations for
> sale. I got busy with other stuff and by the time I remembered the posting,
> they were all gone. One fellow here did manage to purchase one and it works
> great for doing SMT work. The poster said that they were used and do become
> available occasionally. If that person is still on this list, do you have
> any more of these? I sure would like to have one.
>

Doug:

 I'm not familiar with the soldering station you're referring to, but
I've been building the TAPR DSP-10 surface mount kit with the iron at
http://www.jameco.com/cgi-bin/ncommerce3/ExecMacro/Jameco/searchResult.d2w/report?
sort=&search=116572
and a 1/32" tip. It works VERY nicely, and costs only $20.00.

- Rich

Date: Wed, 27 Feb 2002 19:53:13 -0500
From: KKANALZ@prodigy.net
To: <ki6ds@dph.dpol.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120937] Re: Straight TiCK Talk
Message-ID: <AA-3673B95C1954B3F8E5222A414F464C4F-ZZ@maillink1.prodigy.net>

RIGHT ON and Amen!

Karl K - W8TIF
McKinney, Texas
--- Original Message ---
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: Re: Straight TiCK Talk

>I want to add something here. Brad and Gary donated
all of the chips for the keyers in the NorCal 20 kits
that are being sent to the third world countries.
<snip>

Date: Wed, 27 Feb 2002 20:02:45 EST
From: PDouglas12@aol.com
To: w0av@juno.com, qrp-l@lehigh.edu
Subject: [120938] Re: Ref. Computer Mikes
Message-ID: <80.18453d3a.29aedbb5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi George,
These mikes work very very well with modern rigs. They need only a cap and a resistor to get them working--the cap carries the audio, and the resistor carries the DC. But with simple circuits these electrets (yes they are electrets) can be shaped into very respectable communications mikes. I have about a half dozen in various configurations, and they all work well. Do see the archives of this list for references. Also, there's a great article by

Steve Pituch N2MNN in the April 1996 QRP Quarterly on implementing these mikes as communications mikes.
72,
Preston WJ2V

Date: Wed, 27 Feb 2002 18:10:55 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [120939] Atlanticon vs. ArkieCon
Message-ID: <Pine.SUN.4.10.10202271746001.6130-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It is unfortunate that ArkieCon/Ft. Smith and Atlanticon/Baltimore are being held on the same weekend this year. Most of these QRP events, by neccessity, must coincide with a regional hamfest, so the scheduling of these things is often out of the hands of the local QRP club. This year, it just turns out that these two great events fall on the same weekend. Nothing you can do about it. Kinda like getting Dayton to change to August because it would be more convenient for FDIM -hi. Ain't gonna happen.

I was really looking forward to attending both this year, until of course I found out they were on the same weekend :-(But I do want to highly endorse BOTH events. In fact, I recommend every QRPer try to attend at least one of the QRP events nearest to you ... Atlanticon, Pacificon, Hamcom, FDIM, Ft. Tuthill, ArkieCon, etc., and the host of local QRP functions such as CQC/Colorado, St. Louis QRP, Iowa, Ohio, Michigan, etc. They are all the result of the hard work of many people, always invaluable, and of course fun, fun, fun from the building contests to just meeting all those familiar names/calls from the contests to QRP-L.

This year, I will be one of the presenters at Atlanticon on April 6, giving a talk on designing QRP PA's, output filters and using those %&$#@ IRF510's, along with a bunch of other great presenters. ArkieCon has a great lineup as well. I truly recommend you try to attend one or the other if it's within reasonable travel distance. I have been to both events before, and they're both great. And if you can't make one of them, plan for one of the others held later in the year.

72, Paul NA5N

PS- Rod: make me an offer and I'll swing through DE with the 817!

Date: Wed, 27 Feb 2002 20:21:45 -0500
From: "Jim Thiessen" <jthiessen@videotron.ca>
To: <qrp-l@Lehigh.EDU>
Subject: [120940] Thx Re: Source for red tinted transparent plastic or plexiglass
Message-ID: <01e401c1bff6$4958c920$1e02a8c0@WorkGroup>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you Ingo and Brice for the excellent suggestions.
I tried dying clear plexiglass in red RIT dye last weekend. Didn't work at
all. Should've came here and asked first!

72's
Jim
VA3KV

Date: Wed, 27 Feb 2002 20:43:56 -0500
From: John Wagner <john@wagner-usa.net>
To: <w5yr@att.net>,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120941] Re: S-meters, units and dB (now long)
Message-ID: <B8A2F58C.3C6%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

> Well, the problem is that dBb's never change but people do - and therein
> lies the problem.
> They tend to memorize formulas and then blindly apply them without thinking
> through what they are doing.
>
> Enter lecture mode: press DEL now to move on . . . <:}
>

Another Gem from W5YR, broken down into little bite size niblets so us
mortals can digest it. Thanks so much George, it's folks like you who make
this list such a fantastic place to learn.

73,

John, N1QO

>
> 72/73/oo, George W5YR - the Yellow Rose of Texas

Date: Wed, 27 Feb 2002 21:28:17 -0500
From: "Lee Mairs" <lmairs@cox.rr.com>
To: <jthiessen@videotron.ca>, "qrpl" <qrp-l@lehigh.edu>
Subject: [120942] Re: Source for red tinted transparent plastic or plexiglass
Message-ID: <001701c1bfff$9503bb60$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Me too!
73 de Lee, KM4YY
Why are there braille signs on drive-up ATM's?
-- From the web

----- Original Message -----
From: "Jim Thiessen" <jthiessen@videotron.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 27, 2002 6:56 PM
Subject: Source for red tinted transparent plastic or plexiglass

> I'm looking for a source for red tinted transparent plastic or plexiglass
> suitable for viewing red LED displays. Should be 1/16 or 1/8 inch stock.
>
> Thanks in advance for your help.
> 72's
> Jim
> VA3KV,
> Rockland Ontario
>

Date: Wed, 27 Feb 2002 14:00:55 -0600

From: "George, W5YR" <w5yr@att.net>
To: Ed Lawson <k1vp@grizzy.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120943] Re: S-meters, units and dB (now long)
Message-ID: <3C7D3AF7.8F13EA5F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh, but I did qualify, Ed - in spades! See my sig file?

SOC 262

Thanks for the kind words - I think(?) <:}

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Ed Lawson wrote:

> I believe this post strongly suggests you should never have been given a
> SOC number.
> Oh....wait a minute....they couldn't tell a SOC from a knowledgable ham
> so I guess its understandable. Nevermind.

Date: Wed, 27 Feb 2002 21:38:23 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120944] FT: OHR 100-30
Message-ID: <000701c1c000$febcbec0$42a5ba42@dor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a good working Oak Hills Research OHR 100 for 30 meters. has on
stratch on front but other than that is clean and works very well.. would
Trade for Heathkit Qrp or Other Items. let me know what you have .

73 Dave KC1DI

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02

Date: Wed, 27 Feb 2002 21:44:23 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [120945] Re: LED freq counter digi-dial
Message-ID: <3b.22adef70.29aef387@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I got mine in the mail Yesterday. Looks great Steve!! - Thanks. I will "melt" one of them together this weekend and check it out on my EP-3.

73, Al N2ZHS
Scotia, NY

<<KD1JV wrote;

Hey gang,

Just to let you all know, the LED frequency coutner (which can also be used as a digial dial) are now in stock. Currently there are pleanty available. Details can be found on my web page, URL in sig line..

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://www.qsl.net/kd1jv/ >>

Date: Wed, 27 Feb 2002 21:58:13 -0500
From: "Marty N5NW" <n5nw@n5nw.org>

To: "QRP" <qrp-l@lehigh.edu>
Subject: [120946] Re: Anyone using the MFJ-1622 apartment antenna?
Message-ID: <LNBBKNIEENMHNOLILCLGGEJLDDAA.n5nw@n5nw.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is very similar in concept to the B&W apartment antenna that's been around a while. I think the B&W was significantly cheaper. I had one. It works, but given the choice between loading up the metal rain gutters and using the apartment antenna, I'd try loading the rain gutters first. The antenna tunes via the counterpoise wire and tap points on the coil. Select the correct tap and lengthen/shorten the counterpoise for acceptable match. It's difficult to get on your own, perhaps easier with an antenna analyzer.

Hope this is helpful!

de N5NW/8 (Marty)
Bellbrook/Dayton, Ohio

Date: Wed, 27 Feb 2002 21:59:29 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [120947] NEQRP CW Net, 28 Feb 02, 8:30PM EST, 3.565MHz
Message-ID: <3C7D9D11.6070101@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 28 February 2002, at 8:30 PM EST (0130Z, 29 Feb 02) on or near 3.565 MHz. Net control operator for this week's session will be John, WB1HBE, operating from Chelmsford, MA.

Last week's net op was Ed, AA5JO, from Tyngsboro, MA. Ed reported a total of eight participants, noting also that he had a blast running the net [It is a lot of fun.]:

WA1CFX	HOWARD	Jamaica Plains, MA	599
N1VS	VINCE	Winsted, CT	579
W1CFI	PAUL	Falmouth, MA	569
K1RC	JOHN	Dracut, MA	599
W1PID	JIM	Sanbornton, NH	579

K1CL	CHUCK	Chelmsford, MA	599
W5TEH	LEE	Newport,RI	579
AA5JO	Ed	Tyngsboro, MA	net op

Thanks to everyone for QNI'ing. Please stop by again this week, and say hello to John and everyone on the net.

72 DE K1CL,
Chuck.

Date: Wed, 27 Feb 2002 21:06:54 -0600
From: George Franklin <w0av@juno.com>
To: PDouglas12@aol.com
Cc: qrp-l@lehigh.edu
Subject: [120948] Re: Ref. Computer Mikes
Message-ID: <20020227.210759.-1467881.4.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Pres & All,

Thanks for the information.

Here is the situation. The regular RS PN 270-092C electret mike (3-wire) works great wired to #1 (Mike), #7 (ground) and #5 (8VDC) on the Kenwood.

The computer mike has a gnd-sleeve-tip 1/8" plug, but the tip and sleeve are apparently connected together inside the plug. I connected tip/sleeve to #1, ground to #7 and #5 through a 1K resistor to #1. I didn't use a cap because the 3 wire worked OK without it.

Well, now here is the solution.

My initial problem was that the electret mike in the RS 33-1107 Headset was defective, and I suspect that I accidently let its smoke out.

Replacing the electret element (yep, that's what it was) with another from my 2-way goody repair/junk box brought the mike to life.

It is essential to use a cap (I used a 0.1 tantalum, positive toward the mike element) in series with the mike line to Pin 1 on the plug to my Kenwood. Also, I used a 510 ohm from the 8V pin on the mike jack (Pin 5) to the mike.

Sorry to be so verbose, however I started this thread and wish to brink it to a conclusion.

Thanks to all who responded to my plea for help.

72 de George/W0AV
Hamming since '35

Unless one uses a series cap, the internal circuitry in the Kenwood is such that it shunts the voltage from the series resistor, and the electret element does not receive the necessary operating voltage.

72 de George/W0AV

Date: Wed, 27 Feb 2002 22:20:40 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [120949] USS Kidd 59th anniversary
Message-ID: <20020227.211643.4639.2.n5ib@juno.com>

Now hear this....

USS Kidd, DD-661, was launched 28 February 1943. Three other destroyers - the Black, the Thorn, and the Turner - were lauched along with the Kidd all within the space of fourteen minutes.

Turner exploded and sank, with the loss of 100 crew, near New York harbor on Jan 3, 1944. Thorn was sunk as target practice off Florida on 26 Aug 1974. Black was sold for scrap on 17 Feb 1971. So Kidd is the sole survivor of the foursome, now a memorial and museum moored on the Mississippi River.

Tomorrow, 28 February 2002, W5KID will be on the air from Baton Rouge Louisiana, aboard the Kidd, from about 1500 Z untill about 2230 Z.

In particular Lee, W5ZDW and ex Navy radioman, will be doing CW operations for the first couple of hours, Probably 20 meters. If you can , check the DX Summit Dx cluster and I will try to post a spot there, as well as a heads-up to this list, when they contact me on 2 m to tell me where they are operating.

As always, QRPers can QSL direct to me and skip the SASE. We are temporarily out of cards but are placing an order shortly for a few thousand new and even prettier cards than before.

Give a listen for W5KID, aboard the Pirate of the Pacific

72
Jim N5IB

GET INTERNET ACCESS FROM JUNO!
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Date: Wed, 27 Feb 2002 21:28:44 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [120950] Pesky Texan Armadillo Chase
Message-ID: <000e01c1c008$0971aa40$2f13fea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey there all you "chasers" - only two more weeks until the annual
"PESKY TEXAN ARMADILLO CHASE"

Mark your calendars and warm up your radios ! ! !

Date: March 13, 2002
Day: Wednesday
Time: 20:00 CST - 22:00 CST
Freq: 7.030 - 7.055 (approximate)
Power: Armadillos = 5 w Hounds = 'your choice'
Exchange: <Call><RST><State><Name><Power><Call> BK

 note: Call = the Hound's call

The Armadillos will call: CQ ARM CQ ARM instead of CQ FOX

As of now we will have 20 Armadillos -

Armadillo Roster:

1. W5USJ (Chuck)
2. K1OJ (OJ)
3. NM5M (Eric)

4. W5HNS (Henry)
5. K5NZ (Mike)
6. N5BE (Danny)
7. W5YR (George)
8. W5MJ (Madison)
9. N3ET (Bob)
10. AF5Z (Bob)
11. N5TU (Earl)
12. N1LN (Bruce)
13. K5ZTY (Bill)
14. KQ5U (Terry)
15. WF5W (Cal)
16. K5LN (Bill)
17. W5SB (Bill)
18. KK5LD (Dan)
19. W5PF (Paul)
20. KD5KXF (Mike)

Sponsored by:

NARS - Northwest Amateur Radio Society of Houston, Texas.
http://www.w5nc.org/

and

Team Cramp Contest Club www.teamcramp.com

Coordinator: N1LN - Bruce n1ln@arrl.net

RULES:

The Hounds that work all Pesky Texan Armadillos qualify for the official WORKED ALL PESKY TEXAN ARMADILLOS certificate.

If you want a certificate - send $ 1.00 and a copy of your log to my CBA (call book address).

Bruce Meier - N1LN
15283 Runnymede St.
Conroe, TX 77384

First and Second place HOUNDS will win an official TEAM CRAMP CONTEST CLUB www.teamcramp.com tee shirt donated by K5NZ - Mike - one of the Armadillos.The first and second place Hounds will be decided by the earliest completion time for the final QSO with

all 20 Armadillos. The times will be verified by the Armadillo logs.

Armadillo Scoring:

The Armadillos are trying to work as many Hounds as possible - and their scores will be calculated based on the following - - - - - -

> 1 point / QSO for Q's with Hounds running 3w or more
> 3 points / QSO for Q's with Hounds running 1 - 2 watts
> 5 points / QSO for Q's with Hounds running less than 1 watt
> 10 points / QSO for DX Hounds (excluding Canada)

> First QSO with a new state / province / DX country = multiplier

SCORE: (QSO Points) x Multipliers = Total Score

The ARMADILLO with the highest score will win the Pesky Texas Armadillo Chase plaque. 2nd and 3rd Place Certificates will also be awarded.

PLEASE NOTE THE FOLLOWING - Armadillos don't work other Armadillos for points. QSOs with other official 'Pesky' Armadillos don't qualify for points.

If you have any questions - send me an email -

n1ln@arrl.net

72 - and KEEP THAT DATE OPEN ! !

Bruce - N1LN

Date: Wed, 27 Feb 2002 22:54:54 EST
From: W2SH@aol.com
To: qrp-l@lehigh.edu
Cc: pwhelton@hal-pc.org
Subject: [120951] RE: Small Altoids Tins
Message-ID: <3c.1a0a4021.29af040e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ekerd Drugs sell a min-tin to house their peppermints. It's a little bit larger than the Altoids and Walgreens mini-tins, being 2 3/3" x 1 5/8" x 5/8".

72/73,

Charles, W2SH

Date: Wed, 27 Feb 2002 23:19:46 -0500
From: "DIANNE M WISE" <roy537@prodigy.net>
To: <dk3red@t-online.de>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120952] Re: attenuator
Message-ID: <00ad01c1c00f$28321da0$5197ff3f@rcrosier>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While we are on the subject of attenuators, does anyone know of a commercial source of a transmitting unit? I know that TenTec once marketed an attenuator that would take five watts input and step it down to at least a half, maybe a tenth watt output. All the attenuators that I see now are the receiving type for direction finding.
Thanks, Roy KE0UQ
r_crosier@yahoo.com

----- Original Message -----

> Hello QRPers,
>
> I am looking for an easy formula to calculate a attenuator with DIFFERENT

> nominal inpedances. The input is 50 ohms and the output is 60 ohms. I want
> to use a commercial attenuator with 60 ohms impedance for measurements in
> 50 ohms environs. Was there an article in a QRP Quarterly?
>
> --
> 72/73 de Ingo, DK3RED Don't forget: the fun is the power!

Date: Thu, 28 Feb 2002 00:25:29 -0500
From: "Gary M. Diana, Sr." <gdiana@rochester.rr.com>
To: qrp-l@lehigh.edu, sales@embres.com
Subject: [120953] TiCK Talk: customer update
Message-ID: <3C7DBF49.D93403A8@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen -

 First of all, thanks for all your support, orders, etc of TiCK
chips and kits from Embedded Research over the years.
It's appreciated.

Tonite, I caught up on all prior emails regarding TiCK orders,
availability, etc. If you have not gotten a response from me, please
try one more time. All orders received as of 2/24 have been
processed as well. Please note that since 9/11, I have noticed
that there are occassional delays of 2-3 days for orders to be
received. I have especially noticed this with the teflon wire kits
(which in a way does not surprise me).

I endeavor to process orders the same week they are received.
Sometimes this gets averted by parts delays; in those cases I
sit on your payment, not cashing any checks until the parts
arrive and the order is sent. I don't want anyone to feel cheated
or that I am amassing a fortune, waiting to make my escape to
Buffalo! Well I couldn't hide there anyway because there are
a few QRPers who know me there!

Finally, I am still in this "business", because for the most part it is
fun and interesting. It has offered me the chance
to meet many of you, and given me the excuse to visit dayton,
atlanticon, and pacificon. But like my accountant tells me,
"Don't quit your day job"!.

73, Gary N2JGU
Embedded Research

Date: Thu, 28 Feb 2002 05:26:18 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Subject: [120954] U426 pinout ?
Message-ID:
<20020228052618.VHPS13933.mtiwmhc22.worldnet.att.net@webmail.worldnet.att.net>

No, U426 is not an underwater craft, I think it's 2
matched FETs in a can package. I came across a couple
while doing a search for ICs in the junkbox.

Does anyone know the pinout for these things ?

I tried looking on the Vishay/Siliconix site but no luck.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
http://jacksonharbor.home.att.net/

Date: Thu, 28 Feb 2002 01:21:40 EST
From: WE7X@aol.com
To: roy537@prodigy.net, qrp-l@lehigh.edu
Subject: [120955] Re: attenuator
Message-ID: <ac.2353158d.29af2674@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Roy,
 Most editions of the ARRL Handbook have charts of resistor values for attenuators. The only thing you would need to determine, would be the power that you need to dissipate, in order to get the correct wattage resistors. They are very simple to build.
 Rod
 WE7X

Date: Thu, 28 Feb 2002 09:02:10 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [120956] Re: Straight TiCK Talk
Message-ID: <GS8E7002.ABH@mail.usd.edu>

Hi all:

Doug spelled out the situation perfectly. For one, I now have a TiCK keyer in a rig -- no, I did not order it, nor did I have to wait for it to be delivered. It was donated to the IA QRPC to promote the club's activities, and I happened to have been awarded a SuperTiCK chip for my "show-n-tell" entry at a IA QRPC gathering. So, knowing much of what Doug spelled out, I felt kind of guilty for going up to the EmbRes WEB site and getting a schematic as well as getting help from others on this list. Why guilty? Well, my belief is that WE, the homebrewing community of QRP'rs, are being served by idealistically motivated individuals who decide to make kits available to us tomake life a lot easier. Back in the "old days" before the "kit guys" started putting parts into baggies so that WE ALL could build stuff without the fuss of ordering a zillion parts from as many sources -- that is exactly what it took. Armed with a schematic and parts list, we had to search the catalogues to find the parts. Complaining that EmbRes is late on deliveries? Try the "old way" a couple of times and see how long it takes to actually melt solder! Doug is probably the world-record baggie stuffer. Like the kit guys, he invested his time to make it easier to get QRP'rs into homebrewing. It is one thing to say "Hey, it's a lot more fun working QRP with stuff you built yourself," and it is quite another to say the same and add "here's all the stuff you need to build it with." So, why wouldn't I feel a bit guilty about my TiCK? EmbRes put all the time into designing, programming, debugging etc., and actually, they didn't get a red cent out of me -- actually, not even a "thank you." We just take them for granted -- sad to say. But imagine what your own QRP life would be like if all the kit guys got fed up and said: "I've had enough of this negative crap, I'm out of here. Let'em fined their own parts." That's exactly how the criticism must register with them.

Not many of the kit guys who run their "kit" business live off of it. They have real jobs, 40 hours a week or more. Then they invest the rest of their time in US. Sometimes their real job, family etc. causes a slight inconvenience to us because our orders or e-mails have to be put on hold. But, in my experience, they always send it, always answer it.

So, let's just be grateful -- when they get the time to take care of our needs is just fine.

72, ADe W0RSP

Date: Thu, 28 Feb 2002 09:08:04 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [120957] Re: Altoids and insulation -- ACE mounting pads
Message-ID: <GS8EGU02.BB2@mail.usd.edu>

Hi all:

My 2-cents:

(1) plastic from a milk carton cut to fit, or some other kind of thinner
]translucent plexi ini which all kinds of stuff comes packaged

(2) stability+++ ACE hardware doublesided adhesive mounting pads
or tape. About 1/16" thick and the STICKIEST stuff I ever saw. Slap
it on the udnerside of the pcb, then slap that onto to Altoids, and
it is a job to get the pcb back out!

72, Ade W0RSP

Date: Thu, 28 Feb 2002 04:25:59 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120958] Re: S-meters, units and dB (now long)
Message-ID: <Pine.LNX.4.33.0202280414320.2138-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, it isn't the people, but the application of the DB use. We use
DB because it's easier to talk about 20 than 1000. In radio we get high
gains in radios because it's needed, and when you calculate it DB are
easier than actual huge numbers.

 The original use of DB is a ratio of power at the same point in
the circuit. This means the impedance doesn't change. Now if you want the
DB differeance between 2 points in a circuit WATCH OUT! The impedance may
be different and you must account for that.

The Voltage DB always gave me trouble. The reason being it ONLY works if the differance taken at the same point.

So when someone tells you "it went up 20 DB", they are talking by definition power differance. But it can be wrong.

On Wed, 27 Feb 2002, George, W5YR wrote:

> Hi, George
>
> Well, the problem is that dBb's never change but people do - and therein
> lies the problem.
> They tend to memorize formulas and then blindly apply them without thinking
> through what they are doing.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Thu, 28 Feb 2002 06:53:49 -0500
From: "Dave" <wr3i@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [120959] PC Control Of FT817 Survay?
Message-ID: <3C7DD3FD.9449.14CF9D@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hi Gang,
I Have been trying out the RATS software for pc control of My FT817 and it works fine and is nice looking on the pc so now I am ready to make a purchase but before I do I would like some idea if there is other software to consider? what else is or has been used out there
Regards
Dave W1QB

Date: Thu, 28 Feb 2002 05:03:26 -0700
From: "Rod N0RC" <rod@n0rc.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Paul Harden, NA5N" <na5n@rt66.com>
Subject: [120960] Re: Atlanticon vs. ArkieCon
Message-ID: <002801c1c04f$edc9cfa0$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Paul, et.al.,

----- Original Text -----
Subject: Atlanticon vs. ArkieCon
From: Paul Harden, NA5N (na5n@rt66.com)
Date: Wed Feb 27 2002 - 20:10:55 EST
>
>
> I recommend every QRPer try
> to attend at least one of the QRP events nearest to you ...
Atlanticon,
> Pacificon, Hamcom, FDIM, Ft. Tuthill, ArkieCon, etc., and the host
of
> local QRP functions such as CQC/Colorado, St. Louis QRP, Iowa, Ohio,
....

Yeah, what Paul "sez". :-) I had the good fortune to attended
Atlanticon 2 years ago. This year it was CQC's annual dinner. If
you have never been to a major QRP event, you don't know what
your missing. The people, projects, presentations....you'll come
away with all kinds of ideas for projects until the next time you
can attend such an event.

> 72, Paul NA5N
>
> PS- Rod: make me an offer and I'll swing through DE with the 817!
>

Please don't Paul. You are much to valuable to the QRP
community. If DE is a cover for some alien abduction conspiracy,
you'll never be heard from again! I don't want to shoulder that
responsibility. I'm quite happy with WAAS. *

73, Rod N0RC
Fort Collins, CO

* WAAS Worked almost all states

Date: Thu, 28 Feb 2002 07:18:16 -0500
From: "Larry Spinner" <n2icz@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120961] RE: A&A Engineering
Message-ID: <OE4344IjRnnPZn4ArNj0001b0e6@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thnk you for all your responses regarding A&A Rigs... Concensus is GOOD! :)
Now...one more thing to ask the XYL for permission...

Regards,

Larry-N2ICZ

> They are excellent performers, but no longer in production. They have a
> nice receiver made for CW use, have adequate, stable, clean output, and
have
> full break-in.

> If you find one, jump on it...

Date: Thu, 28 Feb 2002 08:00:06 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: qrp-l@Lehigh.EDU
Subject: [120962] Straight TiCK Talk
Message-ID: <0D6CE218BF54D211B37F00E0292657F40BC9DC3F@susdayte03.daytonoh.ncr.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"

Brad Mitchell, one of the TiCK designers and Dough Hendricks have commented
on this topic and I thought I would also through in my comments.

I won one of the first Atomic Keyer kits made and it's still working great. I've also added the TiCK keyers to several radios. And I have an early K1EL keyer which has different features. I've also seen info on other keyers that followed the TiCK chips.

I agree with Dough that Bill and Gary have done an outstanding job running a business for the Ham Community. I am also in software development and have worked on code that was 'done' and there is a lot of difference in writing code that works and code that works for everyone in anything it's used in under all conditions which is what we expect when we buy these chips.

Bill and Gary have been the spring board for all those 'competing' keyer chips. Like radios everyone has their own ideas for features and proceed to build something different. Shortly there will be other keyer chips that build on those we see today with different features. As the chips get faster and have more memory we can do more.

Bill and Gary, I want to say thanks for such a fun product and your great support of ham radio. It's been fun talking with you guys and getting to know a little bit about you at the Dayton Hamvetion the past several years.

72 de Ron, N8VAR

Date: Thu, 28 Feb 2002 08:41:50 -0500
From: "Ed Tanton" <n4xy@earthlink.net>
To: "'QRP-L Reflector'" <qrp-l@lehigh.edu>
Subject: [120963] OT: PC Data Acquisition bargain
Message-ID: <015c01c1c05d$ad5f9ae0$c39efea9@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

If anyone is interested in Data Acquisition with their PC... I ran into a bargain (at Nasa Tech Briefs) from Dataq <http://www.dataq.com/cgi-local/SoftCart.exe/ntb/?E+scstore>... a 4 channel PC-based Serial Data Acquisition instrument; complete with WinDaq/Lite waveform recording software and WinDaq Waveform Browser playback and analysis software. All for $12.95 in onesies!!!

Also, a "CABL-6 is an interface cable that has a four-and-a-half-foot length and features a 9-pin D-type female connector on one end and a 9-pin D-type male connector on the other. Instead of directly connecting the DI-194 to the host instrument, CABL-6 can be used between them to allow more input signal accessibility and convenience" is available separately for $4.95 .

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Thu, 28 Feb 2002 08:58:11 -0500
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [120964] FS qrp + upgraded
Message-ID: <6579C6377F475547985F0B3E426E1626328525@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi

I have been using and looking at the qrp +
I have for sale. It was sent back to Stan
for upgrade to the qrp Plus +.

I have just gotten a ft817, so this is=20
redundant to my needs.

QRP + condition about 8 or 9 out of 10
all documentation
hand mic wired to work, I think it is a ICOM.
power cable

$350.00 shipped within CONUS=20
I would box for shipping and get postal estimate

for other places.
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=
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Marty Hartwell
KD8BJ - Columbus OH - Sometimes Mobile
QRP-L #199=20
QRP+ @ 2W or FT817 or TT Scout or TT 540=20
Verticals or Dipoles & End Fed Wires
SOC #Can't remember
Columbus QRP Club
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=
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Date: Thu, 28 Feb 2002 04:12:41 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [120965] FS teflon wire (kits :)
Message-ID: <Pine.LNX.4.33.0202280402510.11893-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,
I have teflon wire assortment available. They are 22 AWG silver plated
stranded. It comes in an assortment of colors. 10 rolls each 50' long. The
total length in the assortment pack is 500'. Orders must be confirmed via
email. Wire is packaged when email confirmation is made. No worrying or
guessing where your money went. No email ignored. Orders are sent the day
after payment is received, no exceptions. Offer is good for Continental
USA only. Price is $24 plus $5 shipping = $29 total.

73,

Jim n2go

Date: Thu, 28 Feb 2002 09:14:07 -0500
From: "Ed Tanton" <n4xy@earthlink.net>
To: <jacksonharbor@att.net>
Subject: [120966] RE: U426 pinout ?
Message-ID: <015f01c1c062$2fc39780$c39efea9@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;

```
        charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Chuck... I did a search using Copernic 2000 Plus
<http://www.copernic.com/> (a multi-seach engine meta browser) and it
found several dozen non-IC references... some Gay-Lesbian thing... and a
1973 Allis-Chalmers Tractor (complete with picture) some company had for
sale... but no ICs. It was worth a shot! Oh well.

It rings a bell with me... but I couldn't place it 'til I checked my
older Siliconix FET Data Book dated July 1977. It was in there as:

"monolithic dual n-channel JFETs designed for..."
" * Very High Input Impedance Differential Amplifiers"
" * Electrometers"
" * Impedance Converters"

I can scan and 'PDF the data sheets, and email them if you like?

73  Ed Tanton  N4XY  <n4xy@arrl.net>

Ed Tanton  N4XY
189 Pioneer Trail
Marietta, GA  30068-3466

website:   http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL  QCWA  AMSAT & INDEXA;
SEDXC  NCDXA    GACW   QRP-ARCI
OK-QRP  QRP-L #758  K2 (FT) #00057




------------------------------

Date: Thu, 28 Feb 2002 07:31:10 -0800
From: Conrad Weiss <radman@best.com>
To: "'jacksonharbor@att.net'" <jacksonharbor@att.net>,
        "'Ed Tanton'" <n4xy@earthlink.net>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [120967] U426 pinout -- demystified... !
Message-ID: <01C1C029.E5856000@209-162-48-78.thegrid.net>

Ed & the gang,
```

U426 is an N-Channel Dual JFET. Spec sheet and pinout can be found on the following URL: http://www.calogic.net/pdf/U421.PDF

Ed, thanks for the heads-up on the 4-channel data acq board :) !

Best,

Conrad Weiss
NN6CW

Date: Thu, 28 Feb 2002 15:55:00
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: jthiessen@videotron.ca
Subject: [120968] Re: Source for red tinted transparent plastic or plexiglass
Message-ID: <F76jSFUMCGlbZvFqV2m00000c71@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>I'm looking for a source for red tinted transparent plastic or plexiglass
>suitable for viewing red LED displays. Should be 1/16 or 1/8 inch stock.

>Thanks in advance for your help.
>72's
>Jim
>VA3KV,
>Rockland Ontario

Out here in California, at least, there is a chain of stores called Tap Plastics that sells all kinds of acrylic (aka Plexiglas) and other plastics and fiberglass molding supplies. Often they'll have scraps of different material for very little cost if you don't want a whole sheet (you can also pay full footage price and have pieces cut to size, fabricated, etc.). See (they have red transparent):

http://www.tapplastics.com/plastics/acrylic.html

Brad KG6IOE

Send and receive Hotmail on your mobile device: http://mobile.msn.com

Date: Thu, 28 Feb 2002 11:39:00 -0500
From: "Nils R. Young" <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [120969] Re: The World Needs A QRP SSB Transciever Kit
Message-ID: <20020228.113906.7336.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

See, that's the reason behind my TDA1072A project: I wanna build a single-band SSB transceiver. On the way to doing that, I'm working on just making a 40m CW receiver. One step at a time. Hear. Listen. Talk. And with any luck, no smokie innards.

Also on the way through my TDA1072A project: I'm trying to shy away from another NE602/MC1350/NE602/LM386 string of stuff. I figure there's enough versions of that same design out there what I could build easy enough any way. (Yeah, right . . . but would it work?) It's just that I wanna see if I can (a) actually make a receiver out of a garden-variety one-chip AM radio and (b) maybe end up with a transceiver in the bargain.

However (and at the same time) I haven't forgotten that there are any number of ways to get what I want without the chewing, cussin', choppin', shootin', burnin' and buryin' that usually comes from such electronic mind-boggles. So, if I am singularly unsuccessful (as things are now working out), I can get a tiny 40m CW rig from Dave Benson. Or one of his SSB radios (which will work just fine until I begin to twist it to my insane uses . . . like 17m).

In the end -- which may be soon, like this weekend -- I'll have learned another lesson about tryin' to build stuff myself or for myself. And I'll either consider all the radios I presently have that DO sideband as sufficient unto the cause. At which point I'll start savin' for another trip to Puerto Rico.

73

Nils
 . . . still fantasizing about little radios in shirt pockets or on top of beer coolers sittin' surf-side this summer . . . SSB or CW ain't no never mind to me . . . as the scenery changes before my jaded, bifocalized eyeballs . . .

Nils R. Bull Young -- El Gringo Errante
 -- La Estancia de los Guajolotes Sonrientes -- W8IJN --

http://w8ijn.tripod.com/
"The island is closer than your memories are." -- Ian G. Bull Young, 11 Feb 2002

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Date: Thu, 28 Feb 2002 11:37:47 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [120970] Re: Ticks vs Others,Etc.
Message-ID: <20020228111240.H4594-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just thought that I would throw in my Two Cents! First, I agree 100% with Doug Hendricks, KI6DS comments about Gary and Brad.

Not Only have they produced an Excellent Product at a cost that is itself in the "QRP Category", they have put in an extroidinary amount of personal time and expense in the process. Quite a bit of which, I might add has been for the benefit of the QRP Community and the Promotion of QRP Worldwide.

Brad had to bow out after several years due to time demands. I believe that has more or less left Gary alone with the Company. Yes, He also has a family and a regular job.

I hope that those of you who have been complaining, will reconsider your comments and take into account the realities of life.

There are many among us who provide services and benefits to the QRP Community over long periods of time. We do not do it for the money, We do it because we believe in the QRP Way of life and want to share the fun and knowledge with others.

We need to think a bit more before making comments here on QRPL.

We are here to share with Friends and Fellow QRPers, Not to see who can send the Hottest Flames.

Thanks, Brad for your detailed Comments on the "Tick". May I just add

that many of us DO Appreciate the work that you and Gary have done..

P.S. I have several Projects on the Drawing Board that Depend on the
"Tick" and the "Power Converter" (I forgot the Model #).

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

 Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 28 Feb 2002 11:49:59 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120971] 900 MHz vertical antenna pattern
Message-ID: <3C7E5FB7.B82B2E98@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

QRP? You bet! I'm working on an APRS type application using what has
been described here once as a QRP computer, the Cybiko. This lil critter
puts out about a milliwatt of power on 900 MHz. See
http://www.qsl.net/kr1st/ for info on my project. Now to my question.
I've been looking into commercial antennas for the 900 MHz band and
found this one among others:

http://www.hyperlinktech.com/web/hg908u.html

It look like a collinear and it's described as an omnidirectional antenna, but it the pattern looks more bi-directional to me. What type of antenna would have such a pattern?

Thanks and 73s,
--Alex

Date: Thu, 28 Feb 2002 09:35:19 -0500
From: Somerville <somerville@uniserve.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120972] Sierra Users
Message-ID: <3C7E4026.948DCB5C@uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am considering getting a Sierra and would like comments from users.

Regards John VE7CFG

Date: Thu, 28 Feb 2002 09:52:19 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: <somerville@uniserve.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120973] RE: Sierra Users
Message-ID: <001e01c1c080$aaa3e860$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was my first QRP rig. I is my all time favorite rig and I regret ever selling it. I still recall the excitement of my first contact at 2 watts with a radio that I built myself. I'm a software/hardware engineer, but it was still magic to me. Before getting into QRP, I was a DX little "big gun" with a Yaesu FT-1000MP, Alpha 87A amp, with a tower and beams up the wazo, but this was more exciting. The radio is incredibly quite and sensitive with a very low current drain. I highly recommend the KC2.

Buy it!

73,
Kory
AC6RN

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Somerville
> Sent: Thursday, February 28, 2002 6:35 AM
> To: Low Power Amateur Radio Discussion
> Subject: Sierra Users
>
>
> I am considering getting a Sierra and would like comments from users.
>
> Regards John VE7CFG
>
>
>

Date: Thu, 28 Feb 2002 10:17:02 -0800
From: Jay Hanawalt <jrhanawalt@earthlink.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120974] Re: 900 MHz vertical antenna pattern
Message-ID: <3C7E741E.1679FE39@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alex-

It is indeed a omnidirectional antenna. The pattern is shown from the
side and is like a pancake. This is a standard pattern for antennas of
this type. I have hundreds of similar antennas in paging service at
929-932 MHz, made by Celwave, Decibel Products, Maxrad, Scala, Kathrein,
and others.

-Jay, WB6SZE

Date: Thu, 28 Feb 2002 13:16:44 -0500
From: KKANALZ@prodigy.net
To: <kr1st@amsat.org>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120975] Re: 900 MHz vertical antenna pattern
Message-ID: <AA-1223E8C21A4866A50E170398FC49C043-ZZ@www4.prodigy.net>

Alex, M'Boy...
The antenna pattern shown on your reference webpage is the pattern of the antenna looking from the *side* of the antenna, NOT the top.

It shows that the main pattern is pretty-much on the horizon, with some minor lobes sticking "up" (and down, of course). It's typical of collinear vertical antennas, although they can be constructed to have some down-tilt for specific applications (like a mountain-top site where you have to cover the valleys below).

The pattern you see (from the side, remember!) is omni-directional -- like a very skinny, skimpy doughnut slipped over the antenna "skewer" (a doughnut like you would server to your mother-in-law).

By the way, that omni pattern is achieved *only* if you mount the antenna out in the clear or at least, very, very well spaced away from a supporting pole or tower leg. If too close, it may generate a cardiod (heart-shaped) pattern instead of totally omni.

Karl K (The "Real Karl")
McKinney, Texas
--- Original Message ---
From: Alex <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion"
Subject: 900 MHz vertical antenna pattern

snip Now to my question. I've been looking into commercial antennas for the 900 MHz band and found this one among others:

http://www.hyperlinktech.com/web/hg908u.html

It look like a collinear and it's described as an omnidirectional antenna, but it the pattern looks more bi-directional to me. <snip>

Date: Thu, 28 Feb 2002 13:23:55 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [120976] B0YA ??
Message-ID: <02022813235500.02466@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

OK, if the guy's a phony, I wasn't the only one. Anyone know anything about
B0YA? worked him on 15 CW. DX4WIN shows location as China, but not sure.

--

 John L Sielke W2AGN
 w2agn@pobox.com

 http://www.qsl.net/w2agn
 Trustee: W3IYQ

Date: Thu, 28 Feb 2002 13:55:47 -0500
From: David Porter <aa3ur@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120977] Cap Kit Arrives in PA
Message-ID: <009301c1c089$8928f5a0$927ba8c0@jamison1.pa.home.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I haven't seen any other posts about this, so I will.

Wow, there's nearly a life-time supply!

Thanks to all concerned.

David Porter AA3UR
aa3ur@comcast.net

Date: Thu, 28 Feb 2002 14:41:36 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [120978] Re: Cap Kit Arrives in PA
Message-ID: <000c01c1c08f$efd69b80$42586fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Me too!

----- Original Message -----
From: "David Porter" <aa3ur@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 28, 2002 1:55 PM
Subject: Cap Kit Arrives in PA

> I haven't seen any other posts about this, so I will.
>
> Wow, there's nearly a life-time supply!
>
> Thanks to all concerned.
>
> David Porter AA3UR
> aa3ur@comcast.net
>

Date: Thu, 28 Feb 2002 14:49:38 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120979] Re: Cap Kit Arrives in PA
Message-ID: <004001c1c091$0fbb2b40$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey good news. Maybe in a week or so the sled dogs will arrive up here on
the tundra carrying caps. Dunno tho. My husky thinks it's too cold to go
out.

72/73 de WB8RCR http://www.qsl.net/wb8rcr
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Jim Stamper" <jstamper@shentel.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 28, 2002 2:41 PM
Subject: Re: Cap Kit Arrives in PA

> Me too!
>
> ----- Original Message -----
> From: "David Porter" <aa3ur@comcast.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, February 28, 2002 1:55 PM
> Subject: Cap Kit Arrives in PA
>
>
> > I haven't seen any other posts about this, so I will.
> >
> > Wow, there's nearly a life-time supply!
> >
> > Thanks to all concerned.
> >
> > David Porter AA3UR
> > aa3ur@comcast.net
> >
>

Date: Thu, 28 Feb 2002 13:56:16 -0600
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: <qrp-l@Lehigh.EDU>
Subject: [120980] Caps arrive in Kansas
Message-ID: <014901c1c091$fc1c7980$0100a8c0@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug:
Thanks. Great buy.
Gene KC0IKY

Date: Thu, 28 Feb 2002 14:58:32 -0500 (EST)
From: Chris Cartwright <ccart@phideaux.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120981] Re: OT: PC Data Acquisition bargain
Message-ID: <Pine.LNX.4.21.0202281451170.15686-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 28 Feb 2002, Ed Tanton wrote:

> If anyone is interested in Data Acquisition with their PC... I ran into
> <http://www.dataq.com/cgi-local/SoftCart.exe/ntb/?E+scstore>... a 4

Ed, thanks for the tip. I ordered two, and in addition to the 12.95, they got 8.58 for shipping (not address dependent), but $17 each is still a great price. They don't seem to charge shipping on single quantities.

I'm hoping to use one to monitor the solar system with an old laptop. (QRP/Solar just holds a lot of appeal for me). The other one will probably get me back to trying to build a PC based weather station. And yes, I know about all the commercial ones out there. Just wanna build one myself so I can tinker with it :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 28 Feb 2002 20:04:32 +0000
From: Stewart Bryant <stewart.bryant@virgin.net>
To: DL2FI@QRPproject.de,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120982] Re: AW: [GQRP] Miracle Whip price
Message-ID: <3C7E8D4F.8334657D@virgin.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Peter Zenker wrote:

> The original price is 129,00 US$ plus 10US$ shipment to Europe.
>
> 139,00 US$ x 1,121705 = 155,92 EURO
>
> plus 16% VAT = 180,86 EURO
>
> QRPproject price = 166 EURO plus 8 EURO shipmemt inside EU except UK, I

> am not allowed to ship to UK.
>

Doesn't such a restriction violate the EU single market laws, or do they not apply
to radio antennas?

73 Stewart G3YSX

>
> 73 de Peter, DL2FI
> **********
> DV Berlin DARC e.V.
> German QRP Group DL-QRP-AG http://www.dl-qrp-ag.de
> QRPproject QRP and homebrew international http://www.qrpproject.de
>
> > -----Urspr ngliche Nachricht-----
> > Von: m5fra@btinternet.com [mailto:m5fra@btinternet.com]
> > Gesendet: Dienstag, 26. Februar 2002 08:08
> > An: GQRP@yahoogroups.com
> > Betreff: Re: [GQRP] Miracle Whip price
> >
> > On 25 Feb 2002, at 21:35, Amanda Hambidge wrote:
> >
> > > I was just looking at the miracle whip web site and underneath the
> price
> > > of $129.00 it says *USD which I presume means US dollars so I would
> > > think that it would be more than 59-00 in that case.
> >
> > Amanda,
> > I thought it was Canadian $, sorry if I got it wrong. Still a lot of
> dosh
> > though.....
> >
> > === Via the mailing list of the GQRP Club www.gqrp.com ===
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
> === Via the mailing list of the GQRP Club www.gqrp.com ===
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

Date: Thu, 28 Feb 2002 15:07:11 -0500
From: Paul Oakes <pro@glassaxis.org>

To: qrp-l@lehigh.edu
Subject: [120983] help
Message-ID: <5.1.0.14.2.20020228150649.01f55ec0@mail.glassaxis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Thu, 28 Feb 2002 14:20:27 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Patrick Gardella" <pgardella@yahoo.com>, <qrp-l@Lehigh.EDU>
Subject: [120984] insulation inside small boxes
Message-ID: <008501c1c095$5e65e240$4e100a0a@rohredt2000>

I use either mylar film, (drafting film) or old page protector vinyl, or paper, or manila folder cardboard, or double sided foam sticky tape, in case my board is smaller than the box, and might move around too much on the wire leads to connectors.
72,
Stuart K5KVH

Date: Thu, 28 Feb 2002 15:21:06 -0500
From: Tim ORourke <TORourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [120985] Altoids and Insulation
Message-ID: <0514B74864ACD511934400508BBB5E3401E2A1@EMAIL1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I solder 4-40 brass nuts to bottom of tin to elevate board above the tin. I can send a picture if ur interested. Most of the time the ink does not even change color if ur quick.
U could us a double sided foam tape also.
Tim O'Rourke KG4CHX

Date: Thu, 28 Feb 2002 15:24:56 -0500
From: Jim Stiles <jjstiles@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120986] 40673's

Message-ID: <5.1.0.14.2.20020228152306.023c47f8@mail-hub.optonline.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Hi All:
Have a pressing need for a few 40673's, could any one please direct me to a source/ I couldn't seem to find them in either Mouser or Digi Key.
TIA Jim Stiles W2NJN
K2 599

Date: Thu, 28 Feb 2002 15:45:12 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120987] RE: insulation inside small boxes
Message-ID: <GCECIJFJPOHMCKACOAOBMEPGDIAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I cut a piece out of a plastic gallon milk jug (actually two pieces -- one for the Altoids lid and the other for the base).

My 8-yr old is into recycling stuff -- we use the necks off of juice bottles for antenna insulators, milk jug panels to insulate circuit boards, plastic ball point pen housings for spacers, vitamin bottles to cover the UHF fittings on our antenna lines, ice cream container tops to hold parts while we're building stuff and, of course, various plastic containers (Promise jugs, Gatorade jars, etc) to hold parts and small gear.

Jake -- N4UY

Date: Thu, 28 Feb 2002 15:54:13 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: qrp-l@lehigh.edu
Subject: [120988] NE QRP Winter Luncheon March 2nd (Sat.)
Message-ID: <3C7E98F5.F6E827@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

[From Dennis, K1LGQ]:

The winter luncheon for the New England QRP club will
meet in Nashua at the Holiday Inn. (Exit 4 on F.E. Everette
Turnpike, also known as Route 3.) The restaurant=92s name
is Killarney=92s and the meeting time is noon on March 2nd. =

Bring your friends and pass the word to those who do not
regularly read the New England QRP notes. See you
there!

Date: Thu, 28 Feb 2002 16:10:42 -0500
From: Ed Lawson <k1vp@grizzy.com>
To: somerville@uniserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120989] Re: Sierra Users
Message-ID: <3C7E9CD2.8060301@grizzy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Somerville wrote:

>I am considering getting a Sierra and would like comments from users.
>
>
Although I have worked on and aligned my Sierra, I did not build it.
 However, having built other rigs of a similar nature, I assume it is
rather easy to build. The modules could get tedious I suspect . My
Sierra has the K2 digital display/keyer and I have all band modules. I
have used it on every band from 80 to 10 and I have collected Mongolia
and most points east, west, north and south for that matter. This
includes a few DXexpeditions. I really like the Sierra as it is more
than the sum of its parts. It is one of those radios that is a joy to
operate. The controls all seem "right" in terms of placement and
action. The bandwidth filter does the job nearly all of the time. It
is also a pleasure in terms of clean audio...it does not have harsh or
unpleasant audio. This is important to me because it means you can
listen for a long time without fatigue and you can easily pick out and
copy weak signals. I also like the fact it is a rugged design, you can
easily follow the schematic, and it is a basic analog rig.

I am willing to accept the K1 is a "better" radio with updated
technical features as well as features the Sierra totally lacks, but I

wonder if it has better ears, is any better for use in the field, and is as rugged.

I have often thought of buying and building a K1, but I have enjoyed the Sierra so much that I doubt I could part with it or would favor the K1 over it. Some rigs you just gravitate to when you want to operate. Purely personal and thus everyone has a different opinion. For me, the Sierra is one such radio. For example, I have a Icom 718 and while I admire many of its features and recognize its performance, I don't like to use it for CW. There is just something about the sound of its CW audio that is unpleasant to me.

If the radio is to be used solely in the shack, then I might say the OHR 500 is a better radio of this type...solid, quiet, basic analog rig with nice audio....but I use the Sierra in the Shack quite a bit where the OHR500 and 718 are available too.

Ed Lawson
K1VP

Date: Thu, 28 Feb 2002 15:06:59 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <jthiessen@videotron.ca>
Cc: <qrp-l@Lehigh.EDU>
Subject: [120990] Red Plastic
Message-ID: <00ab01c1c09b$dc7f5200$4e100a0a@rohredt2000>

a few ideas:

Any large city has Plastics supply houses for sheet rod and tube, they also carry colors.
A nice red lens can be cut from a cheap red plastic water glass, (home furnishings dept. of many stores)
Office supplys may have some red plastic boxes, for paper clips, or other red colored items.
Drug stores have lots of stuff that can be adapted, as do hardware stores, and maybe in plastics as well.

Large chain grocery stores in the States sell lots of cheap plastic utensils, which could be cut down to make stock lens.

72,
Stuart k5KVH

Date: Thu, 28 Feb 2002 16:16:35 -0500
From: "KD3PC" <kd3pc@mindspring.com>
To: <tentec@contesting.com>, "QRP-L List" <qrp-l@lehigh.edu>
Subject: [120991] Ethernet cards for trade for QRP gear. (OT)
Message-ID: <003c01c1c09d$34d72d00$0101a8c4@6545>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys and Gals,

I have 4 Genius GE2000II LAN cards, these are Novell Certified with both coax and 10BaseT attached. Also 1 HP card with AUI and 10BaseT attach. Drivers for the Genius but not the HP (I am sure they are available form the net)

Trade for QRP gear, or sell, make offer.

Thanks

Dave Dabay
kd3pc@mindspring.com
2519 Carolina Avenue
Roanoke, Virginia 24014

540-345-5370 Home
540-520-7096 Cellular

Date: Thu, 28 Feb 2002 11:45:53 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [120992] Re: Source for red tinted transparent plastic or plexiglass
Message-ID: <3.0.6.32.20020228114553.007a81c0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>I'm looking for a source for red tinted transparent plastic or plexiglass
>>suitable for viewing red LED displays. Should be 1/16 or 1/8 inch stock.
>
I salvage the red plastic out of old clock radios and VCR's. Check out the
yard sales for clock radios. And of course, there are other usefull parts
in the radio, like the tuning cap, speaker and little power transformer...

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://www.qsl.net/kd1jv/

Date: Thu, 28 Feb 2002 14:01:04 -0800
From: Steve Smith <sigcom@juno.com>
To: jjstiles@optonline.net
Cc: qrp-l@Lehigh.EDU
Subject: [120993] Re: 40673's
Message-ID: <20020228.140104.-92763.2.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan's Small Parts: http://www.fix.net/~jparker/dans.html , "Dual-Gate
Mosfets" section. $4.50 ea.

Usual disclaimers apply.

73.......Steve 'The Scrounger' Smith
 WB6TNL Oxnard, CA USA
 "Snort Rosin"

On Thu, 28 Feb 2002 15:24:56 -0500 Jim Stiles <jjstiles@optonline.net>
writes:
> Hi All:
> Have a pressing need for a few 40673's, could any one please direct
> me to a
> source/ I couldn't seem to find them in either Mouser or Digi Key.
> TIA Jim Stiles W2NJN
> K2 599
>
>

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Date: Thu, 28 Feb 2002 21:54:58 -0000
From: "Ray Goff" <radioham@gmx.co.uk>
To: "QRL-L List" <qrp-l@Lehigh.EDU>
Subject: [120994] Koch Method CW Trainer
Message-ID: <FDEOKGEJJFNPABJIJGDDCEDPDMAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

For those of you who have been using my Koch method CW trainer and wanted to be able to play your own files, good news.

Version 3.1 of the software is on my web site and now includes the ability to play text files. There is a Readme.Txt file which details how to use the new facility and two additional files containing simple QSO's. These QSO files are thanks to GM0SOZ who made them available for use with the software.

To get the software, which is still freeware, go to www.qsl.net/g4fon and follow the CW Trainer link.

73's de Ray g4fon

RSGB, BATC, GQRP-10698 QRP-L 2378
ray@g4fon.co.uk

Date: Thu, 28 Feb 2002 17:14:27 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>
Subject: [120995] Fox- K4FB up to bat tonight
Message-ID: <3C7EABC3.99FD3B91@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Look for K4FB tonight somewhere between 7030 - 7040. Please don't call

on my transmit frequency, I won't be listening there until the last part of the hunt. I'll listen up .5 to 2.

I'll be looking for any and all hounds. Plenty of pelts to go around!

I'll be running a K2 @ 5 watts into an inverted-v up 70 feet.

Standard exchange: W8PIG 55N FL PAUL 5W W8PIG

Please ONLY send your info once. I'll ask for fills as needed.

73
Paul K4FB/FOX

Date: Thu, 28 Feb 2002 16:13:51 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Subject: [120996] Re: Atlanticon vs. ArkieCon
Message-ID: <008201c1c0a5$347e16e0$56adfea9@ibm22209>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Paul,
It is real hard for me too because I have been wanting to make it to Atlanticon this year!! Oh well maybe next year. Paul you and Dave will be missed along with others going up to Atlanticon.

You are very right Paul, we are just following the lead of our Hamfest sponsors and they are adjusting to other Hamfest events in and around the Arkansas, Missouri, Texas, Louisiana, and Oklahoma area.

Both events are super and I would recommend both!! You will have a great time at either one you decide to attend!!!!

73 de w5jay/jay..

Date: Thu, 28 Feb 2002 16:28:56 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>

Cc: "Ideker, Bob" <bideker@SPP.ORG>, "John Eddleman" <KC5JBY@ARRL.net>,
 "Kelsey Mikel" <k5pwr@amsat.org>,
Subject: [120997] ArkieCon new speaker!!
Message-ID: <009501c1c0a7$5196e700$56adfea9@ibm22209>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi QRP-L gang and others,

Graham Firth, G3MFJ, will be attending ArkieCon again this year along with Rev. George Dobbs and Roy Lewallen!! Graham will have a forum on PSK-31 and interfacing the FT-817 with the Commander software. This is super news for those of us attending ArkieCon. The only thing that could make ArkieCon better is if Tony Fishpool were coming along with Graham, but someone has to hold down the Fort over there. Sorry Tony no pun intended :-)
It doesn't get any better than this UNLESS you are going to Atlanticon!

How many days? I can't wait!

73 de w5jay..

Date: Thu, 28 Feb 2002 17:31:47 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: <radioham@gmx.co.uk>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120998] Re: Koch Method CW Trainer
Message-ID: <000f01c1c0a7$b5f861b0$5e1c6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since we don't do attachments on this list (I am all for that!) if you email me I will send a file of the 500 most common English words to run through your Koch program.

73,
jim-
KG4LDY
James H. Stamper
519 Park Avenue
Woodstock, VA 22664-1260

540-459-8350
----- Original Message -----
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 28, 2002 4:54 PM
Subject: Koch Method CW Trainer

> Hi,
>
> For those of you who have been using my Koch method CW trainer and wanted
to
> be able to play your own files, good news.
>
> Version 3.1 of the software is on my web site and now includes the ability
> to play text files. There is a Readme.Txt file which details how to use
the
> new facility and two additional files containing simple QSO's. These QSO
> files are thanks to GM0SOZ who made them available for use with the
> software.
>
> To get the software, which is still freeware, go to www.qsl.net/g4fon and
> follow the CW Trainer link.
>
> 73's de Ray g4fon
>
> RSGB, BATC, GQRP-10698 QRP-L 2378
> ray@g4fon.co.uk
>

Date: Thu, 28 Feb 2002 17:38:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jjstiles@optonline.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120999] Re: 40673's
Message-ID: <3C7EB168.C53E9C5C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The reason you could not find them is they have been discontinued for
many years now! They were a nice part but the technology surpassed
them!

I have seen a few advertised on here for prices between $5.00 and $10.00

each! Dan's Small Parts sometimes has some. BUT the best bet is to find an equivalent. NTE sold one called the NTE222. I don't know if they still have it but it was the same thing!

73

Date: Thu, 28 Feb 2002 13:30:47 -0500 (EST)
From: <n2go@arrl.net>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121000] Re: 40673's
Message-ID: <Pine.LNX.4.33.0202281315520.365-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,
I've never seen them that high on this list.

If anyone needs some to repair a radio or just experiment... I have some. You can have them 4 for $10 shipped. Limited quantity so check for availability. This is a good deal if you need them and don't have enough for a minimum order or flat shipping rate.

I have seen a lot of postings about this part. Some of the postings refer to it as obsolete etc. Unfortunately they don't follow up with clear or useful information on how to substitute new or "current technology" parts. Most of the hams, myself included, are flying by the seat of our pants. We won't be designing new equipment any time soon. I am happy to be able to improvise an old circuit. It is great to follow a schematic and get something to work once in a while.

There are a lot of useful circuits in old articles that use this part. Several circuits in Solid State Design for the Radio Amateur which was written some time ago. I've built many of the circuits. They seemed to work and I had fun using them. I just didn't connect any sophisticated test equipment to them to find out how bad they were :)

73,

Jim n2go

End of QRP-L Digest 2480

